BPT EFFLUENT LIMITATIONS—Continued

| Pollutant or pollutant property | Maximum for any 1 day | Maximum for monthly average |
|---|---|---|
| Zinc | 44.970 | 18.790 |
| Ammonia (as N) | 4,106.000 | 1,805.000 |
| Total suspended solids | 1,263.000 | 600.700 |
| pH | (1) | (1) |

1 Within the range of 7.0 to 10.0 at all times.

(l) Subpart J—Reduction to Tungsten Water of Formation.

BPT EFFLUENT LIMITATIONS

| Pollutant or pollutant property | Maximum for any 1 day | Maximum for monthly average |
|---|---|---|
| | mg/kg (pounds per million pounds) of tungsten metal produced | |
| Lead | .205 | .098 |
| Zinc | .714 | .298 |
| Ammonia (as N) | 65.190 | 28.660 |
| Total suspended solids | 20.050 | 9.536 |
| pH | (1) | (1) |

1 Within the range of 7.0 to 10.0 at all times.

(m) Subpart J—Tungsten Powder Acid Leach and Wash.

BPT EFFLUENT LIMITATIONS

| Pollutant or pollutant property | Maximum for any 1 day | Maximum for monthly average |
|---|---|---|
| | mg/kg (pounds per million pounds) of tungsten metal produced | |
| Lead | 1.008 | 0.48 |
| Zinc | 3.504 | 1.464 |
| Ammonia (as N) | 319.900 | 140.700 |
| Total suspended solids | 98.400 | 46.800 |
| pH | (1) | (1) |

1 Within the range of 7.0 to 10.0 at all times.

(n) Subpart J—Molybdenum Sulfide Precipitation Wet Air Pollution Control.

BPT EFFLUENT LIMITATIONS

| Pollutant or pollutant property | Maximum for any 1 day | Maximum for monthly average |
|---|---|---|
| | mg/kg (pounds per million pounds) of tungsten metal produced | |
| Lead | .000 | .000 |
| Zinc | .000 | .000 |
| Ammonia (as N) | .000 | .000 |
| Total suspended solids | .000 | .000 |
| pH | (1) | (1) |

1 Within the range of 7.0 to 10.0 at all times.

[49 FR 8812, Mar. 8, 1984, as amended at 53 FR 1706, Jan. 21, 1988]

### § 421.103 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best available technology economically achievable.

Except as provided in 40 CFR 125.30 through 125.32, any existing point source subject to this subpart shall achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable:

(a) Subpart J—Tungstic Acid Rinse.

BAT EFFLUENT LIMITATIONS

| Pollutant or pollutant property | Maximum for any 1 day | Maximum for monthly average |
|---|---|---|
| | mg/kg (pounds per million pounds) of tungstic acid (as W) produced | |
| Lead | 11.490 | 5.333 |
| Zinc | 41.850 | 17.230 |
| Ammonia (as N) | 5,469.000 | 2,404.000 |

(b) Subpart J—Acid Leach Wet Air Pollution Control.

BAT EFFLUENT LIMITATIONS

| Pollutant or pollutant property | Maximum for any 1 day | Maximum for monthly average |
|---|---|---|
| | mg/kg (pounds per million pounds) of tungstic acid (as W) produced | |
| Lead | 1.003 | 0.466 |
| Zinc | 3.653 | 1.504 |
| Ammonia (as N) | 477.400 | 209.900 |

(c) Subpart J—Alkali Leach Wash.

BAT EFFLUENT LIMITATIONS

| Pollutant or pollutant property | Maximum for any 1 day | Maximum for monthly average |
|---|---|---|
| | mg/kg (pounds per million pounds) of sodium tungstate (as W) produced | |
| Lead | 0.000 | 0.000 |
| Zinc | 0.000 | 0.000 |
| Ammonia (as N) | 0.000 | 0.000 |

(d) Subpart J—Alkali Leach Wash Condensate.

BAT EFFLUENT LIMITATIONS

| Pollutant or pollutant property | Maximum for any 1 day | Maximum for monthly average |
|---|---|---|
| | mg/kg (pounds per million pounds) of sodium tungstate (as W) produced | |
| Lead | 5.372 | 2.494 |
| Zinc | 19.570 | 8.057 |
| Ammonia (as N) | 2,557.000 | 1,124.000 |

(e) Subpart J—Ion Exchange Raffinate (Commingled With Other Process or Nonprocess Waters).

BAT EFFLUENT LIMITATIONS

| Pollutant or pollutant property | Maximum for any 1 day | Maximum for monthly average |
|---|---|---|
| | mg/kg (pounds per million pounds) of ammonium tungstate (as W) produced | |
| Lead | 24.780 | 11.500 |
| Zinc | 90.240 | 37.160 |
| Ammonia (as N) | 11,790.000 | 5,185.000 |

(f) Subpart J—Ion Exchange Raffinate (Not Commingled With Other Process or Nonprocess Waters).

BAT EFFLUENT LIMITATIONS

| Pollutant or pollutant property | Maximum for any 1 day | Maximum for monthly average |
|---|---|---|
| | mg/kg (pounds per million pounds) of ammonium tungstate (as W) produced | |
| Lead | 24.780 | 11.500 |
| Zinc | 90.240 | 37.160 |
| Ammonia (as N) [1] | 11,790.000 | 5,185.000 |

[1] The effluent limitation for this pollutant does not apply if a) the motor liquor feed to the ion exchange process or the raffinate from the ion exchange process contains sulfates at concentrations exceeding 1000 mg/1; b) this mother liquor or raffinate is treated by ammonia steam stripping; and c) such mother liquor or raffinate is not commingled with any other process or nonprocess waters prior to steam stripping for ammonia removal.

(g) Subpart J—Calcium Tungstate Precipitate Wash.

BAT EFFLUENT LIMITATIONS

| Pollutant or pollutant property | Maximum for any one day | Maximum for monthly average |
|---|---|---|
| | mg/kg (pounds per/million pounds) of calcium tungstate (as W) produced | |
| Lead | 20.670 | 9.594 |
| Zinc | 75.280 | 31.000 |
| Ammonia (as N) | 9,838.000 | 4,325.000 |

(h) Subpart J—Crystallization and Drying of Ammonium Paratungstate.

BAT EFFLUENT LIMITATIONS

| Pollutant or pollutant property | Maximum for any one day | Maximum for monthly average |
|---|---|---|
| | mg/kg (pounds per/million pounds) of ammonium paratungstate (as W) produced | |
| Lead | 0.000 | 0.000 |
| Zinc | 0.000 | 0.000 |
| Ammonia (as N) | 0.000 | 0.000 |

(i) Subpart J—Ammonium Paratungstate Conversion to Oxides Wet Air Pollution Control.

BAT EFFLUENT LIMITATIONS

| Pollutant or pollutant property | Maximum for any one day | Maximum for monthly average |
|---|---|---|
| | mg/kg (pounds per/million pounds) of tungstic oxide (as W) produced | |
| Lead | 0.773 | 0.359 |
| Zinc | 2.817 | 1.160 |
| Ammonia (as N) | 368.200 | 161.900 |

(j) Subpart J—Ammonium Paratungstate Conversion to Oxides Water of Formation.

BAT EFFLUENT LIMITATIONS

| Pollutant or pollutant property | Maximum for any one day | Maximum for monthly average |
|---|---|---|
| | mg/kg (pounds per/million pounds) of tungstic oxide (as W) produced | |
| Lead | 0.018 | 0.008 |
| Zinc | 0.064 | 0.026 |
| Ammonia (as N) | 8.398 | 3.692 |

(k) Subpart J—Reduction to Tungsten Wet Air Pollution Control.

BAT EFFLUENT LIMITATIONS

| Pollutant or pollutant property | Maximum for any one day | Maximum for monthly average |
|---|---|---|
| | mg/kg (pounds per/million pounds) of tungsten metal produced | |
| Lead | 0.862 | 0.400 |
| Zinc | 3.142 | 1.294 |
| Ammonia (as N) | 410.600 | 180.500 |

(l) Subpart J—Reduction to Tungsten Water of Formation.

BAT EFFLUENT LIMITATIONS

| Pollutant or pollutant property | Maximum for any one day | Maximum for monthly average |
|---|---|---|
| | mg/kg (pounds per/million pounds) of tungsten metal produced | |
| Lead | 0.137 | 0.064 |
| Zinc | 0.499 | 0.205 |
| Ammonia (as N) | 65.190 | 28.660 |

(m) Subpart J—Tungsten Powder Acid Leach and Wash.

BAT EFFLUENT LIMITATIONS

| Pollutant or pollutant property | Maximum for any 1 day | Maximum for monthly average |
|---|---|---|
| | mg/kg (pounds per million pounds) of tungsten metal produced | |
| Lead | 0.672 | 0.312 |
| Zinc | 2.448 | 1.008 |
| Ammonia (as N) | 319.900 | 140.700 |

(n) Subpart J—Molybdenum Sulfide Precipitation Wet Air Pollution Control.

BAT EFFLUENT LIMITATIONS

| Pollutant or pollutant property | Maximum for any 1 day | Maximum for monthly average |
|---|---|---|
| | mg/kg (pounds per million pounds) of tungsten metal produced | |
| Lead | 0.000 | 0.000 |
| Zinc | 0.000 | 0.000 |
| Ammonia (as N) | 0.000 | 0.000 |

[49 FR 8812, Mar. 8, 1984, as amended at 53 FR 1708, Jan. 21, 1988]

## § 421.104 Standards of performance for new sources.

Any new source subject to this subpart shall achieve the following new source performance standards:

(a) Subpart J—Tungstic Acid Rinse.

NSPS

| Pollutant or pollutant property | Maximum for any 1 day | Maximum for monthly average |
|---|---|---|
| | mg/kg (pounds per million pounds) of tungstic acid (as W) produced | |
| Lead | 11.490 | 5.333 |
| Zinc | 41.850 | 17.230 |
| Ammonia (as N) | 5,469.000 | 2,404.000 |
| Total suspended solids | 615.400 | 492.300 |
| pH | (1) | (1) |

[1] Within the range of 7.0 to 10.0 at all times.

(b) Subpart J—Acid Leach Wet Air Pollution

NSPS

| Pollutant or pollutant property | Maximum for any 1 day | Maximum for monthly average |
|---|---|---|
| | mg/kg (pounds per million pounds) of tungstic acid (as W) produced | |
| Lead | 1.003 | 0.466 |
| Zinc | 3.653 | 1.504 |
| Ammonia (as N) | 477.400 | 209.900 |
| Total suspended solids | 53.720 | 42.970 |
| pH | (1) | (1) |

[1] Within the range of 7.0 to 10.0 at all times.

(c) Subpart J—Alkali Leach Wash.

NSPS

| Pollutant or pollutant property | Maximum for any 1 day | Maximum for monthly average |
|---|---|---|
| | mg/kg (pounds per million pounds) of sodium tungstate (as W) produced | |
| Lead | 0.000 | 0.000 |
| Zinc | 0.000 | 0.000 |
| Ammonia (as N) | 0.000 | 0.000 |
| Total suspended solids | 0.000 | 0.000 |
| pH | (1) | (1) |

[1] Within the range of 7.0 to 10.0 at all times.

(d) Subpart J—Alkali Leach Wash Condensate.